COOL STYLING — AND ALL THE FEATURES YOU NEED TO DELIVER THE HIGHEST QUALITY CARE

MC40-HC MOBILE COMPUTER

Improve patient safety, the patient experience and healthcare staff productivity with the fully-featured pocket-sized MC40-HC. Your patients chose you as their healthcare provider. In order to keep that patient, you need to deliver the very best in care. And delivering the best care possible requires healthcare staff to have right-now access to whatever information is required to not only take instant action – but to take the right action.

The MC40-HC gives your healthcare staff everything needed to make the right decision in a split second, all in a device that rivals the design of today's coolest mobile devices, including smartphones. Your healthcare staff will instantly feel comfortable with the all-touch MC40-HC. With the familiar Android operating system, healthcare staff already know how to interact with the device, virtually eliminating training. It is just a little bigger than a smartphone, but still easily fits in a pocket, where it is always handy. But the similarities to consumer-style devices end there. Extensions (Mx) from Motorola Solutions infuses Android™ with the enterprise-class features required in the critical environment of healthcare — robust Wi-Fi connections that keep staff connected; security features that protect data and help meet HIPAA requirements and complete remote control over devices as well as their applications. And with enterprise-class data capture, nurses and lab technicians can count on easy first time every time scanning of any bar code, ensuring accuracy in medication administration and specimen collection — where errors can be potentially deadly.

Disinfectant-ready with enterprise-class durability

You get the durability that Motorola Solutions is famous for — the MC40-HC simply works, despite drops, bumps, spills and constant sanitizing with harsh chemicals.

Advanced scanning technology

Nurses and clinical staff can count on dependable scanning of any 1D or 2D bar code displayed on a computer screen or printed on paper — even if the codes are dirty, poorly printed or damaged. Omni-directional scanning delivers point-and-shoot simplicity — there is never a need to align the device and bar code.

A large 4.3 inch touch-only display

Provides the screen real-estate to support information-intensive apps, such as electronic health records and real-time feeds of patient vital signs.

Android fortified for the enterprise

Mx adds new features that transform Android from a consumer operating system (OS) to a true enterprise-class operating system, adding the enterprise-class security, manageability, wireless connection quality and data capture feature support your organization requires.

A powerful voice connection to nearly any other mobile device in the hospital

With our unique integrated voice solutions, the MC40-HC is push-to-talk (PTT) ready right out of the box, easily connecting to other PTT-enabled Motorola mobile computers, two-way radios and third party popular smartphones.[1] And with our pre-tested and validated Staff Communication and Management Solution, you can smoothly and successfully enable your MC40-HC mobile computers to double as mobile PBX handsets and more.

User replaceable battery for guaranteed availability all shift, every shift

Up to 8 to 10 hours of operation on a single charge virtually eliminates downtime due to a dead battery during a shift; user-swappable batteries protect device uptime and increase device utilization for a stronger return on investment.

Rich photographic intelligence

The high-resolution 8 MP camera enables the capture of photos that document patient condition, plus documents that are highly legible, all with the quick press of a button.

THE MC40-HC — THE NEW FACE OF HEALTHCARE MOBILITY

For more information, visit www.motorolasolutions.com/mc40hc
or access our global contact directory at www.motorolasolutions.com/contactus

SPECIFICATIONS CHART

PHYSICAL CHARACTERISTICS

Dimensions	5.66 in. H x 2.87 in. W x 0.79 in. D 143.91 mm H x 72.8 mm W x 20.1 mm D
Weight	9.38 oz./266.1 g (with battery)
Display	4.3 in. capacitive; 480 x 800; 300 NIT
Touchpanel	Capacitive dual-touch
Backlight	LED backlight
Power	PowerPrecision 2680 mAh Li-Ion rechargeable battery
Backup Battery[2]	NiMH battery (rechargeable) 15 mAh 3.6 V (not user accessible)
Connectivity	USB 2.0 OTG connector
Notification	LED, audio and vibration
Keypad	On-screen keypad
Desinfectant Ready	Yes

PERFORMANCE CHARACTERISTICS

CPU	800MHz OMAP 4 dual-core processor
Operating System	Android 4.1.1
Memory	1 GB RAM/8 GB Flash

USER ENVIRONMENT

Operating Temp.	0° C to 50° C / 32° F to 122° F
Storage Temp.	-40° C to 70° C / -40° F to 158° F
Humidity	5% to 85% RH non-condensing
Drop Specification	Multiple 4 ft./1.2 m drops per MIL-STD 810G Multiple 3 ft./0.9 m drops to tile
Tumble Specification	500 1.6 ft/0.5 m tumbles; meets and exceeds IEC tumble specifications
Sealing	IP54
ESD	± 15kVdc air discharge, ± 8kVdc direct discharge, ± 2kVdc indirect discharge

INTERACTIVE SENSOR TECHNOLOGY (IST)

Motion Sensor	3-axis accelerometer provides motion-sensing for dynamic screen orientation and power management
Light Sensor	Automatically adjusts display backlight brightness
Proximity Sensor	Prevents unwanted keypresses in handset mode

AUDIO

High-quality speakerphone, wireless (Bluetooth) headset support, PTT headset support, handset/speakerphone modes

DATA CAPTURE

Imager	SE4500-DL
Camera	Rear-facing 8 MP auto-focus with aiming for bar code scanning and image capture.
Data Types	1D/2D bar codes, photographs, video, signatures, documents

COMMUNICATION AND MESSAGING

Workforce Connect Voice Client Certified [3]
Workforce Connect PTT Express Client (included)

WIRELESS LAN

Radio	Tri-mode IEEE® 802.11a/b/g/n/r
Security	*Security Modes:* Legacy, WPA and WPA2 *Encryption:* WEP (40 and 128 bit), TKIP and AES *Authentication:* TLS, TTLS (MS-CHAP), TTLS (MS-CHAP v2), TTLS (PAP), PEAP (MS-CHAP v2), PEAP (GTC), FAST (MS-CHAP v2), FAST (GTC), LEAP. *Data in motion:* FIPS 140-2 Level 1 *Data at Rest:* FIPS 140-2 Level 1
Data Rates	802.11b: 1, 2, 5.5, 11 Mbps 802.11a/g: 6, 9, 12, 18, 24, 36, 48, 54 Mbps 802.11n: 6.5, 13, 19.5, 26, 39, 52, 58.5, 65 Mbps 802.11n with SGI: 7.2, 14.4, 21.7, 28.9, 43.3, 57.8, 65, 72.2 Mbps
Fast Roam	Pre-Authentication, PMKID Caching, Opportunistic Key Caching (OKC), Cisco CCKM, Motorola HFSR, 802.11r
Certifications	Wi-Fi, CCXv4
Operating Channels	Chan 36-165 (5180 – 5825 MHz), Chan 1-13 (2412 - 2472 MHz); actual operating channels/ frequencies depend on regulatory rules and certification agency

WIRELESS PAN

Bluetooth Class II, v 2.1 with EDR; integrated antenna

PERIPHERALS AND ACCESSORIES

Accessories include single* and 5-slot* charging cradles; single* and 4-slot* battery chargers; holster and a wearable carrying solution. BT connectivity to RS507 Ring Scanner. (Visit www.motorolasolutions.com/mc40 for a complete list of accessories.) (* In patient-friendly color, Healthcare White.)

REGULATORY

Visit www.motorolasolutions.com/mc40hc for regulatory information

WARRANTY

Subject to the terms of Motorola's hardware warranty statement, the MC40-HC is warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For complete warranty statement, please visit: http://www.motorolasolutions.com/warranty

RECOMMENDED SERVICES

Managed Device Service
Service from the Start with Comprehensive Coverage

1. Motorola Solutions mobile computers require the complimentary Push-to-Talk Express client from Motorola; third party mobile devices require Motorola's Unified Retail Communications client; two-way radios require Motorola's Radio Link server.
2. Refer to the User Manual for charging recommendation.
3. Voice client supported in North America.

CLEANING INSTRUCTIONS

Approved Cleanser Active Ingredients:
100% of the active ingredients in any cleaner must consist of one or some combination of the following: isopropyl alcohol; bleach/sodium hypochlorite; hydrogen peroxide; mild dish soap

Harmful Ingredients:
The following chemicals are known to damage the plastics on the MC40-HC mobile computers and should not come in contact with the device: ammonia solutions, compounds of amines or ammonia; acetone; ketones; ethers; aromatic and chlorinated hydrocarbons; aqueous or alcoholic alkaline solutions; ethanolamine; toluene; trichloroethylene; benzene; carbolic acid; TB-lysoform

Cleaning Instructions:
Do not apply liquid directly to the MC40-HC mobile computers. Dampen a soft cloth or use pre-moistened wipes. Do not wrap the device in the cloth or wipe, but gently wipe the unit. Be careful not to let liquid pool around the display window or other places. Allow the unit to air dry before use.

Special Cleaning Notes:
Many vinyl gloves contain phthalate additives, which are often not recommended for medical use and are known to be harmful to the housing of the MC40-HC mobile computers. The devices should not be handled while wearing vinyl gloves containing phthalates, or before hands are washed to remove contaminant residue after gloves are removed. If products containing any of the harmful ingredients listed above are used prior to handling the MC40-HC mobile computers, such as hand sanitizers that contain ethanolamine, hands must be completely dry before handling the devices to prevent damage to the plastics.

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